

=> d his

(FILE 'HOME' ENTERED AT 15:34:36 ON 09 DEC 2004)

FILE 'CAPLUS' ENTERED AT 15:35:02 ON 09 DEC 2004

L1 1 S US5527789/PN

SELECT L1 1 RN

L2 11646 S E1-E15

L3 3577 S E3-E12

FILE 'REGISTRY' ENTERED AT 15:37:12 ON 09 DEC 2004

L4 1 S 303-95-7/RN

SET NOTICE 1 DISPLAY

SET NOTICE LOGIN DISPLAY

FILE 'REGISTRY' ENTERED AT 15:37:28 ON 09 DEC 2004

L5 1 S 2394-68-5/RN

SET NOTICE 1 DISPLAY

SET NOTICE LOGIN DISPLAY

FILE 'CAPLUS' ENTERED AT 15:39:52 ON 09 DEC 2004

L6 1 S US4956355/PN

SELECT L6 1 RN

L7 9542 S E16-E18

FILE 'REGISTRY' ENTERED AT 15:40:39 ON 09 DEC 2004

L8 1 S 28507-02-0/RN

SET NOTICE 1 DISPLAY

SET NOTICE LOGIN DISPLAY

FILE 'REGISTRY' ENTERED AT 15:40:58 ON 09 DEC 2004

L9 1 S 53-43-0/RN

SET NOTICE 1 DISPLAY

SET NOTICE LOGIN DISPLAY

FILE 'CAPLUS' ENTERED AT 15:42:38 ON 09 DEC 2004

L10 1 S L7 AND NYCE

FILE 'USPATFULL, USPAT2' ENTERED AT 15:44:02 ON 09 DEC 2004

L11 3 S L7 OR L3

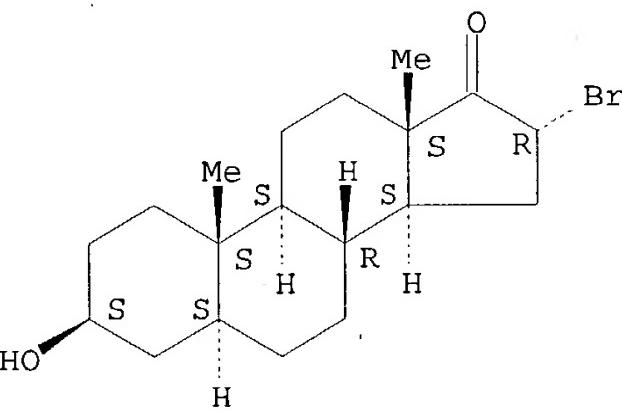
E NYCE J/IN

L12 23 S E4

=>

RN 28507-02-0 REGISTRY
CN Androstan-17-one, 16-bromo-3-hydroxy-, (3 β ,5 α ,16 α)- (9CI)
(CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 5 α -Androstan-17-one, 16 α -bromo-3 β -hydroxy- (6CI, 7CI,
8CI)
OTHER NAMES:
CN 16 α -Bromo-3 β -hydroxy-5 α -androstan-17-one
CN 16 α -Bromoepiandrosterone
CN 3 β -Hydroxy-16 α -bromo-5 α -androstan-17-one
CN HE 2000
FS STEREOSEARCH
MF C19 H29 Br O2
CI COM
LC STN Files: BEILSTEIN*, BIOSIS, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT,
DDFU, DRUGU, IPA, MEDLINE, PROUSDDR, SYNTHLINE, TOXCENTER, USPATFULL
(*File contains numerically searchable property data)
DT.CA CAplus document type: Journal; Patent
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); PRP
(Properties); USES (Uses); NORL (No role in record)
RL.NP Roles from non-patents: BIOL (Biological study); PREP (Preparation);
RACT (Reactant or reagent); USES (Uses); NORL (No role in record)
RLD.NP Roles for non-specific derivatives from non-patents: BIOL (Biological
study)

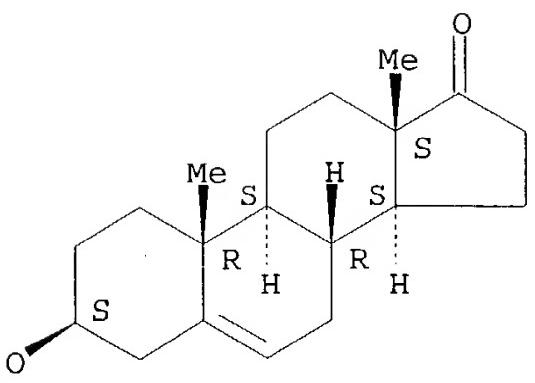
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

57 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
57 REFERENCES IN FILE CAPLUS (1907 TO DATE)
5 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 53-43-0 REGISTRY
CN Androst-5-en-17-one, 3-hydroxy-, (3 β)- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Androst-5-en-17-one; 3 β -hydroxy- (8CI)
OTHER NAMES:
CN Δ 5-Androsten-3 β -ol-17-one
CN 17-Chetovis
CN 17-Hormoforin
CN 3 β -Hydroxy- Δ 5-androsten-17-one
CN 3 β -Hydroxyandrost-5-en-17-one
CN 3 β -Hydroxyandrost-5-ene-17-one
CN 5,6-Dehydroisoandrosterone
CN 5,6-Didehydroisoandrosterone
CN 5-Androsten-3 β -ol-17-one
CN 5-Dehydroepiandrosterone
CN Androst-5-ene-3 β -ol-17-one
CN Androstenolone
CN Astenile
CN Deandros
CN Dehydro-epi-androsterone
CN Dehydroepiandrosterone
CN Dehydroisoandrosterone
CN DHA
CN DHEA
CN Diandron
CN Diandrone
CN GL 701
CN IM 28
CN NSC 9896
CN Prasterone
CN Psicosterone
CN Siscclar plus
CN trans-Dehydroandrosterone
FS STEREOSEARCH
DR 9013-35-8, 105597-37-3, 108673-53-6
MF C19 H28 O2
CI COM
LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*,
BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS,
CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM,
CSNB, DDFU, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IMSDRUGNEWS,
IMSRESEARCH, IPA, MEDLINE, MRCK*, NAPRALERT, NIOSHTIC, PHAR, PIRA,
PROMT, PROUSDDR, PS, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, USAN,
USPAT2, USPATFULL, VETU
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, WHO
(**Enter CHEMLIST File for up-to-date regulatory information)
OT.CA CAplus document type: Book; Conference; Dissertation; Journal; Patent;
Report
RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);
FORM (Formation, nonpreparative); OCCU (Occurrence); PREP (Preparation);
PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES
(Uses); NORL (No role in record)
RLD.P Roles for non-specific derivatives from patents: BIOL (Biological
study); PREP (Preparation); PROC (Process); RACT (Reactant or reagent);
USES (Uses)
RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological
study); FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU
(Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT
(Reactant or reagent); USES (Uses); NORL (No role in record)
RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical
study); BIOL (Biological study); FORM (Formation, nonpreparative); OCCU
(Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); USES
(Uses)
absolute stereochemistry. Rotation (+).



* PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

7552 REFERENCES IN FILE CA (1907 TO DATE)

181 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

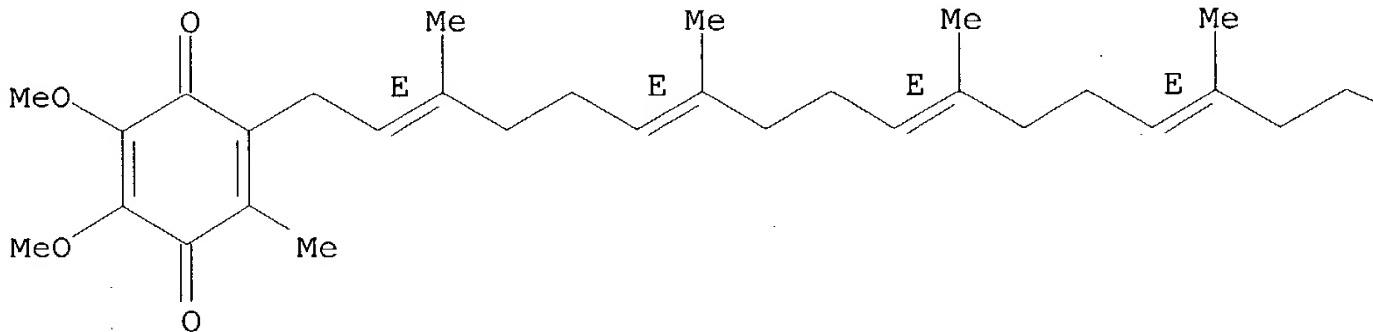
7566 REFERENCES IN FILE CAPLUS (1907 TO DATE)

93 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

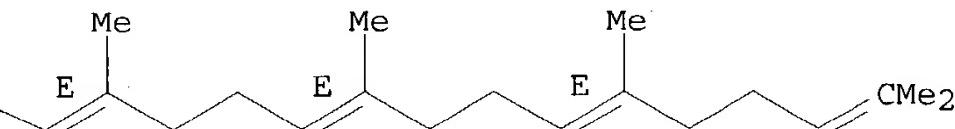
5 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN
 N 2394-68-5 REGISTRY
 CN 2,5-Cyclohexadiene-1,4-dione, 2,3-dimethoxy-5-methyl-6-
 [(2E,6E,10E,14E,18E,22E,26E)-3,7,11,15,19,23,27,31-octamethyl-
 2,6,10,14,18,22,26,30-dotriacontaenyl] - (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 2,5-Cyclohexadiene-1,4-dione, 2,3-dimethoxy-5-methyl-6-
 (3,7,11,15,19,23,27,31-octamethyl-2,6,10,14,18,22,26,30-
 dotriacontaenyl) -, (all-E)-
 CN p-Benzoquinone, 2,3-dimethoxy-5-methyl-6-(3,7,11,15,19,23,27,31-octamethyl-
 2,6,10,14,18,22,26,30-dotriacontaenyl) - (6CI, 8CI)
 OTHER NAMES:
 CN Coenzyme Q8
 CN CoQ8
 CN Ubiquinone 40
 CN Ubiquinone 8
 CN Ubiquinone Q8
 S STEREOSEARCH
 DR 20304-10-3
 MF C49 H74 O4
 CI COM
 LC STN Files: AGRICOLA, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS,
 CASREACT, DDFU, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, MEDLINE,
 NAPRALERT, TOXCENTER, USPATFULL
 (*File contains numerically searchable property data)
 DT.CA CAplus document type: Conference; Journal; Patent
 RL.P Roles from patents: BIOL (Biological study); OCCU (Occurrence); PREP
 (Preparation); PROC (Process); RACT (Reactant or reagent); USES (Uses);
 NORL (No role in record)
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological
 study); FORM (Formation, nonpreparative); OCCU (Occurrence); PREP
 (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or
 reagent); USES (Uses); NORL (No role in record)

Double bond geometry as shown.

PAGE 1-A



PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

355 REFERENCES IN FILE CA (1907 TO DATE)
 355 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 22 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L12 ANSWER 1 OF 23 USPATFULL on STN
ACCESSION NUMBER: 2004:121055 USPATFULL
TITLE: Dry powder oligonucleotide formualtion, preparation and its uses
INVENTOR(S): Leonard, Sherry A., Lawrenceville, NJ, UNITED STATES
Nyce, Jonathan W., Titusville, NJ, UNITED STATES

PATENT INFORMATION:
APPLICATION INFO.:

NUMBER	KIND	DATE
US 2004092470	A1	20040513
US 2003-463999	A1	20030618 (10)

PRIORITY INFORMATION:
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: HOWREY SIMON ARNOLD & WHITE, LLP, BOX 34, 301 RAVENSWOOD AVE., MENLO PARK, CA, 94025
NUMBER OF CLAIMS: 84
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 1 Drawing Page(s)
LINE COUNT: 2827
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 2 OF 23 USPATFULL on STN
ACCESSION NUMBER: 2004:108120 USPATFULL
TITLE: Use of DHEA and DHEA-sulfate for the treatment of chronic obstructive pulmonary disease
INVENTOR(S): Nyce, Jonathan W., Titusville, NJ, UNITED STATES

PATENT INFORMATION:
APPLICATION INFO.:

NUMBER	KIND	DATE
US 2004082522	A1	20040429
US 2003-454061	A1	20030603 (10)

 Continuation-in-part of Ser. No. WO 2002-US12555, filed on 22 Apr 2002, PENDING

PRIORITY INFORMATION: US 2001-286124P 20010424 (60)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: HOWREY SIMON ARNOLD & WHITE, LLP, BOX 34, 301 RAVENSWOOD AVE., MENLO PARK, CA, 94025
NUMBER OF CLAIMS: 38
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 8 Drawing Page(s)
LINE COUNT: 2047
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 3 OF 23 USPATFULL on STN
ACCESSION NUMBER: 2004:64503 USPATFULL
TITLE: Composition & methods for treatment and screening
INVENTOR(S): Nyce, Jonathan W., Titusville, NJ, UNITED STATES
Sandrasagra, Anthony, South Brunswick, NJ, UNITED STATES
Tang, Lei, Princeton, NJ, UNITED STATES
Aguilar, Douglas, Jersey City, NJ, UNITED STATES
Miller, Shoreh, Plainsboro, NJ, UNITED STATES
Shahabuddin, Syed, Newtown, PA, UNITED STATES
Lu, Hong, Plainsboro, NJ, UNITED STATES
Cong, Hui, Cranbury, NJ, UNITED STATES

*opf with kilde 29-30
method claim
Not combination herein*

PATENT INFORMATION: US 2004049022 A1 20040311
APPLICATION INFO.: US 2003-627930 A1 20030725 (10)
RELATED APPLN. INFO.: Continuation-in-part of Ser. No. WO 2002-US13135, filed on 23 Apr 2002, PENDING Continuation-in-part of Ser. No. WO 2002-US13143, filed on 23 Apr 2002, PENDING

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: HOWREY SIMON ARNOLD & WHITE, LLP, BOX 34, 301 RAVENSWOOD AVE., MENLO PARK, CA, 94025

NUMBER OF CLAIMS: 94
EXEMPLARY CLAIM: 1
LINE COUNT: 9449
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 4 OF 23 USPATFULL on STN
ACCESSION NUMBER: 2004:45036 USPATFULL
TITLE: Composition and method for altering levels of or sensitivity to adenosine with a dehydroepiandrosterone
INVENTOR(S): Nyce, Jonathan W., Greenville, NC, UNITED STATES

PATENT INFORMATION: US 2004034029 A1 20040219
APPLICATION INFO.: US 2003-410955 A1 20030409 (10)
RELATED APPLN. INFO.: Continuation of Ser. No. US 2000-488236, filed on 20 Jan 2000, GRANTED, Pat. No. US 6670349 Division of Ser. No. US 1997-861962, filed on 22 May 1997, GRANTED, Pat. No. US 6087351 Division of Ser. No. US 1995-393863, filed on 24 Feb 1995, GRANTED, Pat. No. US 5660835

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: HOWREY SIMON ARNOLD & WHITE, LLP, BOX 34, 301 RAVENSWOOD AVE., MENLO PARK, CA, 94025

NUMBER OF CLAIMS: 18
EXEMPLARY CLAIM: 1
LINE COUNT: 467
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 5 OF 23 USPATFULL on STN
ACCESSION NUMBER: 2003:337285 USPATFULL
TITLE: Composition & method for altering levels of or sensitivity to adenosine with a dehydroepiandrosterone &/or a ubiquinone
INVENTOR(S): Nyce, Jonathan W., Greenville, NC, United States
PATENT ASSIGNEE(S): East Carolina University, Greenville, NC, United States (U.S. corporation)

PATENT INFORMATION: US 6670349 B1 20031230
APPLICATION INFO.: US 2000-488236 200000120 (9)
RELATED APPLN. INFO.: Division of Ser. No. US 1997-861962, filed on 22 May 1997, now patented, Pat. No. US 6087351 Division of Ser. No. US 1995-393863, filed on 24 Feb 1995, now patented, Pat. No. US 5660835

DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Padmanabhan, Sreeni
ASSISTANT EXAMINER: Hui, San-ming
LEGAL REPRESENTATIVE: Halluin, Albert P., Howrey Simon Arnold & White, LLP
NUMBER OF CLAIMS: 70
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 0 Drawing Figure(s); 0 Drawing Page(s)
LINE COUNT: 691

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 6 OF 23 USPATFULL on STN
ACCESSION NUMBER: 2003:306893 USPATFULL
TITLE: Composition, formulations & kit for treatment of respiratory & lung disease with dehydroepiandrosterone(s) steroid & an anti-muscarinic agent(s)
INVENTOR(S): Robinson, Cynthia B., Wayne, PA, UNITED STATES
Nyce, Jonathan W., Titusville, NJ, UNITED STATES

PATENT INFORMATION:
APPLICATION INFO.:
RELATED APPLN. INFO.: US 2003216329 A1 20031120
US 2003-461563 A1 20030612 (10)
Continuation of Ser. No. WO 2002-US12552, filed on 22 Apr 2002, PENDING

PRIORITY INFORMATION:
DOCUMENT TYPE:
FILE SEGMENT:
LEGAL REPRESENTATIVE: HOWREY SIMON ARNOLD & WHITE, LLP, BOX 34, 301 RAVENSWOOD AVE., MENLO PARK, CA, 94025
NUMBER OF CLAIMS: 94
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 8 Drawing Page(s)
LINE COUNT: 3048
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 7 OF 23 USPATFULL on STN
ACCESSION NUMBER: 2003:288177 USPATFULL
TITLE: Composition and formulations and their use as nociceptic, anti-axniolytic and anabolic agents
INVENTOR(S): Nyce, Jonathan W., Princeton, NJ, UNITED STATES

PATENT INFORMATION:
APPLICATION INFO.: US 2003202935 A1 20031030
US 2000-554485 A1 20000509 (9)
WO 2000-US180 20000105
DOCUMENT TYPE:
FILE SEGMENT:
LEGAL REPRESENTATIVE: ALBERT P. Halluin, Howrey Simon Arnold & White, LLP, bOX 34, Menio park, CA, 94025
NUMBER OF CLAIMS: 147
EXEMPLARY CLAIM: 1
LINE COUNT: 1234
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 8 OF 23 USPATFULL on STN
ACCESSION NUMBER: 2003:258300 USPATFULL
TITLE: Composition & use as analgesic, anti-inflammatory, wound healing agent, for treatment of heart conditions, assessment of heart function & tissue & cell protection & healing & reperfusion, mood disorders & symptoms & sequelae of menopause & for inducing unconsciousness, sleep & anesthesia
INVENTOR(S): Nyce, Jonathan W., Titusville, NJ, UNITED STATES

PATENT INFORMATION: US 2003181353 A1 20030925

NO

X opp with composition differ
composition
continuator

APPLICATION INFO.: US 2003-349219 A1 20030121 (10)
RELATED APPLN. INFO.: Division of Ser. No. US 2001-762090, filed on 1 Feb
2001, ABANDONED A 371 of International Ser. No. WO
1999-US17642, filed on 3 Aug 1999, PENDING

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-95090P	19980803 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HOWREY SIMON ARNOLD & WHITE, LLP, BOX 34, 301 RAVENSWOOD AVE., MENLO PARK, CA, 94025	
NUMBER OF CLAIMS:	108	
EXEMPLARY CLAIM:	95	
LINE COUNT:	1818	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L12 ANSWER 9 OF 23 USPATFULL on STN
ACCESSION NUMBER: 2003:152910 USPATFULL
TITLE: DNA CONSTRUCT, COMPOSITION, FORMULATIONS & METHODS FOR
MAKING THE CONSTRUCT & FOR MODULATING EXPRESSION
INVENTOR(S): NYCE, JONATHAN W., GREENVILLE, NC, UNITED
STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003104576	A1	20030605
APPLICATION INFO.:	US 1994-319974	A1	19941007 (8)
DOCUMENT TYPE:	Utility		X
FILE SEGMENT:	APPLICATION		X
LEGAL REPRESENTATIVE:	VIVIANA AMZEL, PH.D, EPIGENESIS PHARMACEUTICALS, INC., 7 CLARKE DRIVE, CRANBURY, NJ, 08512		X
NUMBER OF CLAIMS:	37		X
EXEMPLARY CLAIM:	1		X
NUMBER OF DRAWINGS:	2 Drawing Page(s)		X
LINE COUNT:	936		X
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			X

L12 ANSWER 10 OF 23 USPATFULL on STN
ACCESSION NUMBER: 2003:127630 USPATFULL
TITLE: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION &
TREATMENT OF DISEASES AND CONDITIONS ASSOCIATED WITH
BRONCHOCONSTRICITION, ALLERGY(IES) & INFLAMMATION
INVENTOR(S): NYCE, JONATHAN W., PRINCETON, NJ, UNITED
STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003087845	A1	20030508
APPLICATION INFO.:	US 6825174	B2	20041130
DOCUMENT TYPE:	US 1998-93972	A1	19980609 (9)
FILE SEGMENT:	Utility		X
LEGAL REPRESENTATIVE:	APPLICATION		X
NUMBER OF CLAIMS:	VIVIANA AMZEL, PH.D., EpiGenesis Pharmaceuticals, Inc., 7 Clarke Drive, Cranbury, NJ, 05812		X
EXEMPLARY CLAIM:	107		X
NUMBER OF DRAWINGS:	4 Drawing Page(s)		X
LINE COUNT:	3682		X
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			X

L12 ANSWER 11 OF 23 USPATFULL on STN
ACCESSION NUMBER: 2002:221794 USPATFULL
TITLE: Composition & method for reducing adenosine levels with
a ubiquinone and optionally a dehydroepiandrosterone
INVENTOR(S): Nyce, Jonathan W., Titusville, NJ, UNITED
STATES

PATENT INFORMATION: US 2002119936 A1 20020829
 APPLICATION INFO.: US 2001-72010 A1 20011025 (10)
 RELATED APPLN. INFO.: Division of Ser. No. US 2001-841426, filed on 24 Apr
 2001, PENDING Continuation-in-part of Ser. No. US
 2000-488236, filed on 20 Jan 2000, PENDING Continuation
 of Ser. No. US 1997-861962, filed on 22 May 1997,
 GRANTED, Pat. No. US 6087351 Division of Ser. No. US
 1995-393863, filed on 24 Feb 1995, GRANTED, Pat. No. US
 5660835
 DOCUMENT TYPE: Utility
 FILE SEGMENT: APPLICATION *OPP copolymer*
 LEGAL REPRESENTATIVE: Viviana Amzel, Ph.D., EpiGenensis Pharmaceuticals,
 Inc., 7 Clarke Drive, Cranbury, NJ, 08520
 NUMBER OF CLAIMS: 79
 EXEMPLARY CLAIM: 1
 LINE COUNT: 932
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 12 OF 23 USPATFULL on STN
 ACCESSION NUMBER: 2002:202064 USPATFULL
 TITLE: Method of treating disorders characterized by
 overexpression of cytidine deaminase or deoxycytidine
 deaminase
 INVENTOR(S): Nyce, Jonathan W., Greenville, NC, United
 States
 PATENT ASSIGNEE(S): East Carolina University, Greenville, NC, United States
 (U.S. corporation)

PATENT INFORMATION: US 6432924 B1 20020813 *X*
 APPLICATION INFO.: US 2000-493999 20000128 (9)
 RELATED APPLN. INFO.: Continuation of Ser. No. US 1993-772445, filed on 26
 Dec 1993, now patented, Pat. No. US 6136791
 Continuation-in-part of Ser. No. US 1995-577185, filed
 on 22 Dec 1995, now abandoned
 DOCUMENT TYPE: Utility
 FILE SEGMENT: GRANTED
 PRIMARY EXAMINER: Wilson, James O.
 LEGAL REPRESENTATIVE: Amzel, Esq., Viviana
 NUMBER OF CLAIMS: 103
 EXEMPLARY CLAIM: 1,78
 NUMBER OF DRAWINGS: 1 Drawing Figure(s); 1 Drawing Page(s)
 LINE COUNT: 872
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 13 OF 23 USPATFULL on STN
 ACCESSION NUMBER: 2002:188336 USPATFULL
 TITLE: Satiety inducing composition comprising Neuropeptide Y
 analogues and methods of inducing satiety and treating
 a disease or condition associated with it
 INVENTOR(S): Nyce, Jonathan W., Greenville, NC, United
 States
 Leonard, Sherry Ann, Greenville, NC, United States
 PATENT ASSIGNEE(S): East Carolina University, Greenville, NC, United States
 (U.S. corporation)

PATENT INFORMATION: US 6426330 B1 20020730 *X*
 APPLICATION INFO.: US 1999-247755 19990209 (9)
 RELATED APPLN. INFO.: Division of Ser. No. US 1995-422839, filed on 17 Apr
 1995, now patented, Pat. No. US 6075009
 DOCUMENT TYPE: Utility
 FILE SEGMENT: GRANTED
 PRIMARY EXAMINER: Davenport, Avis M.

LEGAL REPRESENTATIVE: Amzel, Viviana
NUMBER OF CLAIMS: 73
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 0 Drawing Figure(s); 0 Drawing Page(s)
LINE COUNT: 557
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 14 OF 23 USPATFULL on STN
ACCESSION NUMBER: 2002:54997 USPATFULL
TITLE: Compositions & formulations with an epiandrosterone or a ubiquinone & kits & their use for treatment of asthma symptoms & for reducing adenosine/adenosine receptor levels
INVENTOR(S): Nyce, Jonathan W., Titusville, NJ, UNITED STATES

NUMBER	KIND	DATE
US 2002032160	A1	20020314
US 2001-841426	A1	20010424 (9)
Continuation-in-part of Ser. No. US 2000-488236, filed on 20 Jan 2000, PENDING Continuation of Ser. No. US 1997-861962, filed on 22 May 1997, GRANTED, Pat. No. US 6087351 Division of Ser. No. US 1995-393863, filed on 24 Feb 1995, GRANTED, Pat. No. US 5660835		

instant invention

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: EPIGENESIS PHARMACEUTICALS, 7 CLARK DRIVE, CANBURY, NJ, 08520
NUMBER OF CLAIMS: 79
EXEMPLARY CLAIM: 1
LINE COUNT: 929
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 15 OF 23 USPATFULL on STN
ACCESSION NUMBER: 2000:142358 USPATFULL
TITLE: Agent and method for treating disorders associated with cytidine deaminase or deoxycytidine deaminase overexpression
INVENTOR(S): Nyce, Jonathan W., Greenville, NC, United States
PATENT ASSIGNEE(S): East Carolina University, Greenville, NC, United States (U.S. corporation)

NUMBER	KIND	DATE
US 6136791		20001024
US 1996-772455		19961223 (8)
Continuation-in-part of Ser. No. US 1995-577185, filed on 22 Dec 1995, now abandoned		

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Wilson, James O.
LEGAL REPRESENTATIVE: Amzel, VivianaArter & Hadden LLP
NUMBER OF CLAIMS: 87
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 1 Drawing Figure(s); 1 Drawing Page(s)
LINE COUNT: 758
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 16 OF 23 USPATFULL on STN
ACCESSION NUMBER: 2000:88180 USPATFULL
TITLE: Method for reducing adenosine levels with a dehydroepiandrosterone and optionally a ubiquinone
INVENTOR(S): Nyce, Jonathan W., Greenville, NC, United States
PATENT ASSIGNEE(S): East Carolina University, Greenville, NC, United States (U.S. corporation)

PATENT INFORMATION:
APPLICATION INFO.:
RELATED APPLN. INFO.:
DOCUMENT TYPE:
FILE SEGMENT:
PRIMARY EXAMINER:
LEGAL REPRESENTATIVE:
NUMBER OF CLAIMS:
EXEMPLARY CLAIM:
LINE COUNT:
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

NUMBER KIND DATE

US 6087351 20000711
US 1997-861962 19970522 (8)
Division of Ser. No. US 1995-393863, filed on 24 Feb
1995, now patented, Pat. No. US 5660835

Utility
Granted
Harrison, Robert H.
Amzel, VivianaArter & Hadden LLP
72
1
708

*parent call
method claim*

L12 ANSWER 17 OF 23 USPATFULL on STN
ACCESSION NUMBER: 2000:74274 USPATFULL
TITLE: Neuropeptide Y analogues, compositions and methods of
lowering blood pressure
INVENTOR(S): Nyce, Jonathan W., Greenville, NC, United
States
PATENT ASSIGNEE(S): Leonard, Sherry Ann, Greenville, NC, United States
East Carolina University, Greenville, NC, United States
(U.S. corporation)

PATENT INFORMATION:
APPLICATION INFO.:
DOCUMENT TYPE:
FILE SEGMENT:
PRIMARY EXAMINER:
LEGAL REPRESENTATIVE:
NUMBER OF CLAIMS:
EXEMPLARY CLAIM:
LINE COUNT:
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

NUMBER KIND DATE

US 6075009 20000613
US 1995-422839 19950417 (8)
Utility
Granted
Davenport, Avis M.
Amzel, Viviana
79
1
810

L12 ANSWER 18 OF 23 USPATFULL on STN
ACCESSION NUMBER: 2000:34542 USPATFULL
TITLE: Specific antisense oligonucleotide composition & method
for treatment of disorders associated with
bronchoconstriction and lung inflammation
INVENTOR(S): Nyce, Jonathan W., Greenville, NC, United
States
PATENT ASSIGNEE(S): East Carolina University, Greenville, NC, United States
(U.S. corporation)

PATENT INFORMATION:
APPLICATION INFO.:
RELATED APPLN. INFO.:
DOCUMENT TYPE:
FILE SEGMENT:
PRIMARY EXAMINER:
ASSISTANT EXAMINER:
LEGAL REPRESENTATIVE:
NUMBER OF CLAIMS:
EXEMPLARY CLAIM:
NUMBER OF DRAWINGS:
LINE COUNT:
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

NUMBER KIND DATE

US 6040296 20000321
US 1995-472527 19950607 (8)
Continuation of Ser. No. US 1995-472527, filed on 7 Jun
1995, now abandoned
Utility
Granted
Stanton, Brian R.
Hauda, Karen M.
Amzel, Viviana
63
1,37
2 Drawing Figure(s); 1 Drawing Page(s)
947

L12 ANSWER 19 OF 23 USPATFULL on STN
ACCESSION NUMBER: 2000:18424 USPATFULL

TITLE:

Composition, kit and method for treatment of disorders associated with bronchoconstriction and lung inflammation

INVENTOR(S):

Nyce, Jonathan W., Greenville, NC, United States

PATENT ASSIGNEE(S):

East Carolina University, Greenville, NC, United States
(U.S. corporation)

PATENT INFORMATION:

US 6025339 20000215

APPLICATION INFO.:

US 1996-757024 19961126 (8)

RELATED APPLN. INFO.:

Continuation-in-part of Ser. No. US 1995-472527, filed on 7 Jun 1995

DOCUMENT TYPE:

Utility

FILE SEGMENT:

Granted

PRIMARY EXAMINER:

Stanton, Brian R.

ASSISTANT EXAMINER:

Hauda, Karen M.

LEGAL REPRESENTATIVE:

Amzel, Viviana

NUMBER OF CLAIMS:

77

EXEMPLARY CLAIM:

1,41

NUMBER OF DRAWINGS:

10 Drawing Figure(s)

LINE COUNT:

2105

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 20 OF 23 USPATFULL on STN

ACCESSION NUMBER: 1999:155698 USPATFULL

TITLE:

Low adenosine agent, composition, kit and method for treatment of airway disease

INVENTOR(S):

Nyce, Jonathan W., Greenville, NC, United States

PATENT ASSIGNEE(S):

Metzger, W. James, Greenville, NC, United States
East Carolina University, Greenville, NC, United States
(U.S. corporation)

PATENT INFORMATION:

US 5994315 19991130

APPLICATION INFO.:

US 1995-474497 19950607 (8)

DOCUMENT TYPE:

Utility

FILE SEGMENT:

Granted

PRIMARY EXAMINER:

Hauda, Karen M.

LEGAL REPRESENTATIVE:

Amzel, VivianaArter & Hadden, LLP

NUMBER OF CLAIMS:

105

EXEMPLARY CLAIM:

1,47

NUMBER OF DRAWINGS:

2 Drawing Figure(s); 1 Drawing Page(s)

LINE COUNT:

1446

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 21 OF 23 USPATFULL on STN

ACCESSION NUMBER: 97:75824 USPATFULL

TITLE: Method of treating adenosine depletion

INVENTOR(S):

Nyce, Jonathan W., Greenville, NC, United States

PATENT ASSIGNEE(S):

East Carolina University, Greenville, NC, United States
(U.S. corporation)

PATENT INFORMATION:

US 5660835 19970826

APPLICATION INFO.:

US 1995-393863 19950224 (8)

DOCUMENT TYPE:

Utility

FILE SEGMENT:

Granted

PRIMARY EXAMINER:

Hulina, Amy

LEGAL REPRESENTATIVE:

Bell, Seltzer, Park & Gibson, P.A.

NUMBER OF CLAIMS:

19

EXEMPLARY CLAIM:

1

LINE COUNT:

510

*Method
Claims
parent
case*

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 22 OF 23 USPATFULL on STN
ACCESSION NUMBER: 96:53304 USPATFULL
TITLE: Method of inhibiting carcinogenesis by treatment with dehydroepiandrosterone and analogs thereof
INVENTOR(S): Nyce, Jonathan W., Greenville, NC, United States
PATENT ASSIGNEE(S): East Carolina University, Greenville, NC, United States (U.S. corporation)

NUMBER	KIND	DATE
US 5527789		19960618
US 1994-284307		19940802 (8)

Continuation of Ser. No. US 1992-840510, filed on 24 Feb 1992, now abandoned

PATENT INFORMATION:
APPLICATION INFO.:
RELATED APPLN. INFO.:
DOCUMENT TYPE:
FILE SEGMENT:
PRIMARY EXAMINER:
LEGAL REPRESENTATIVE:
NUMBER OF CLAIMS:
EXEMPLARY CLAIM:
NUMBER OF DRAWINGS:
LINE COUNT:
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ODP

L12 ANSWER 23 OF 23 USPAT2 on STN
ACCESSION NUMBER: 2003:127630 USPAT2
TITLE: Composition, formulations & method for prevention & treatment of diseases and conditions associated with bronchoconstriction, allergy(ies) & inflammation
INVENTOR(S): Nyce, Jonathan W., Titusville, NJ, United States
PATENT ASSIGNEE(S): East Carolina University, Greenville, NC, United States (U.S. corporation)

NUMBER	KIND	DATE
US 6825174	B2	20041130
US 1998-93972		19980609 (9)

Continuation-in-part of Ser. No. US 1998-16464, filed on 30 Jan 1998 Continuation-in-part of Ser. No. US 1996-757024, filed on 26 Nov 1996, now patented, Pat. No. US 6025339 Continuation-in-part of Ser. No. US 1995-472527, filed on 7 Jun 1995, now patented, Pat. No. US 6040296 Continuation-in-part of Ser. No. US 1995-474497, filed on 7 Jun 1995, now patented, Pat. No. US 5994315 Continuation-in-part of Ser. No. US 1995-472527, filed on 7 Jun 1995, now patented, Pat. No. US 6040296

DOCUMENT TYPE:
FILE SEGMENT:
PRIMARY EXAMINER:
ASSISTANT EXAMINER:
LEGAL REPRESENTATIVE:
NUMBER OF CLAIMS:
EXEMPLARY CLAIM:
NUMBER OF DRAWINGS:
LINE COUNT:
CAS INDEXING IS AVAILABLE FOR THIS PATENT.